

Ricardo J. Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,827
citations

304743

22
h-index

182427

51
g-index

65
all docs

65
docs citations

65
times ranked

4577
citing authors

#	ARTICLE	IF	CITATIONS
1	LOSITAN: A workbench to detect molecular adaptation based on a F st -outlier method. BMC Bioinformatics, 2008, 9, 323.	2.6	1,044
2	Zebu Cattle Are an Exclusive Legacy of the South Asia Neolithic. Molecular Biology and Evolution, 2010, 27, 1-6.	8.9	217
3	Genetic Basis for Red Coloration in Birds. Current Biology, 2016, 26, 1427-1434.	3.9	192
4	High-density lipoprotein receptor SCARB1 is required for carotenoid coloration in birds. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5219-5224.	7.1	104
5	Does the niche breadth or trade-off hypothesis explain the abundance-occupancy relationship in avian Haemosporidia?. Molecular Ecology, 2014, 23, 3322-3329.	3.9	92
6	A genetic mechanism for sexual dichromatism in birds. Science, 2020, 368, 1270-1274.	12.6	71
7	Advancing the integration of multi-marker metabarcoding data in dietary analysis of trophic generalists. Molecular Ecology Resources, 2019, 19, 1420-1432.	4.8	69
8	Avian malaria infections in western European mosquitoes. Parasitology Research, 2012, 111, 637-645.	1.6	59
9	Impact of macroalgal blooms and wader predation on intertidal macroinvertebrates: experimental evidence from the Mondego estuary (Portugal). Journal of Experimental Marine Biology and Ecology, 2000, 249, 165-179.	1.5	55
10	The Strait of Gibraltar poses an effective barrier to host-specialised but not to host-generalised lineages of avian Haemosporidia. International Journal for Parasitology, 2015, 45, 711-719.	3.1	53
11	Personality traits are related to ecology across a biological invasion. Behavioral Ecology, 2013, 24, 1081-1091.	2.2	48
12	Structure and functioning of intertidal food webs along an avian flyway: a comparative approach using stable isotopes. Functional Ecology, 2016, 30, 468-478.	3.6	45
13	The impact of macroalgal blooms on the use of the intertidal area and feeding behaviour of waders (Charadrii) in the Mondego estuary (west Portugal). Acta Oecologica, 1999, 20, 417-427.	1.1	40
14	Diversity of cloacal microbial community in migratory shorebirds that use the Tagus estuary as stopover habitat and their potential to harbor and disperse pathogenic microorganisms. FEMS Microbiology Ecology, 2012, 82, 63-74.	2.7	39
15	A non-coding region near Follistatin controls head colour polymorphism in the Gouldian finch. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181788.	2.6	39
16	Long lengths of stay, large numbers, and trends of the Black-tailed Godwit (<i>Limosa limosa</i>) in rice fields during spring migration. Bird Conservation International, 2011, 21, 12-24.	1.3	36
17	Significant variations in the productivity of green macroalgae in a mesotidal estuary: Implications to the nutrient loading of the system and the adjacent coastal area. Marine Pollution Bulletin, 2007, 54, 678-690.	5.0	32
18	Migratory connectivity and temporal segregation of dunlin (<i>Calidris alpina</i>) in Portugal: evidence from morphology, ringing recoveries and mtDNA. Journal Fur Ornithologie, 2006, 147, 385-394.	1.2	30

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19	Genetic Basis of De Novo Appearance of Carotenoid Ornamentation in Bare Parts of Canaries. <i>Molecular Biology and Evolution</i> , 2020, 37, 1317-1328.	8.9	30
20	In situ bioassays with <i>Chironomus riparius</i> larvae to biomonitor metal pollution in rivers and to evaluate the efficiency of restoration measures in mine areas. <i>Environmental Pollution</i> , 2008, 151, 213-221.	7.5	29
21	Signatures of Selection on Standing Genetic Variation Underlie Athletic and Navigational Performance in Racing Pigeons. <i>Molecular Biology and Evolution</i> , 2018, 35, 1176-1189.	8.9	25
22	Rewiring of experimentally disturbed seed dispersal networks might lead to unexpected network configurations. <i>Basic and Applied Ecology</i> , 2018, 30, 11-22.	2.7	25
23	A molecular phylogeny of bullfinches <i>Pyrrhula</i> Brisson, 1760 (Aves: Fringillidae). <i>Molecular Phylogenetics and Evolution</i> , 2011, 58, 271-282.	2.7	23
24	The Azores bullfinch (<i>Pyrrhula murina</i>) has the same unusual and size-variable sperm morphology as the Eurasian bullfinch (<i>Pyrrhula pyrrhula</i>). <i>Biological Journal of the Linnean Society</i> , 2013, 108, 677-687.	1.6	23
25	High-resolution multi-marker DNA metabarcoding reveals sexual dietary differentiation in a bird with minor dimorphism. <i>Ecology and Evolution</i> , 2020, 10, 10364-10373.	1.9	20
26	What Is the Giant Wall Gecko Having for Dinner? Conservation Genetics for Guiding Reserve Management in Cabo Verde. <i>Genes</i> , 2018, 9, 599.	2.4	19
27	A test of the European Pleistocene refugial paradigm, using a Western Palaearctic endemic bird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181606.	2.6	19
28	Geographical segregation in Dunlin <i>Calidris alpina</i> populations wintering along the East Atlantic migratory flyway – evidence from mitochondrial DNA analysis. <i>Diversity and Distributions</i> , 2008, 14, 732-741.	4.1	18
29	<i>Borrelia garinii</i> and <i>Francisella tularensis</i> subsp. <i>holarctica</i> detected in migratory shorebirds in Portugal. <i>European Journal of Wildlife Research</i> , 2012, 58, 857-861.	1.4	18
30	Variation in the mobilization of mercury into Black-winged Stilt <i>Himantopus himantopus</i> chicks in coastal saltpans, as revealed by stable isotopes. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 65-76.	2.1	17
31	Increasing sexual ornamentation during a biological invasion. <i>Behavioral Ecology</i> , 2014, 25, 916-923.	2.2	17
32	Similar preferences for ornamentation in opposite- and same-sex choice experiments. <i>Journal of Evolutionary Biology</i> , 2014, 27, 2798-2806.	1.7	16
33	Genetic diversity and morphological variation of the common chaffinch <i>Fringilla coelebs</i> in the Azores. <i>Journal of Avian Biology</i> , 2014, 45, 167-178.	1.2	16
34	A Stochastic Dynamic Methodology (SDM) to the modelling of trophic interactions, with a focus on estuarine eutrophication scenarios. <i>Ecological Indicators</i> , 2006, 6, 394-408.	6.3	15
35	Phylogeography and genetic diversity of the Robin (<i>Erithacus rubecula</i>) in the Azores Islands: Evidence of a recent colonisation. <i>Journal of Ornithology</i> , 2013, 154, 889-900.	1.1	15
36	Use of stable isotope fingerprints to assign wintering origin and trace shorebird movements along the East Atlantic Flyway. <i>Basic and Applied Ecology</i> , 2016, 17, 177-187.	2.7	14

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37	Geographic patterns of mtDNA and Z-linked sequence variation in the Common Chiffchaff and the <i>Chiffchaff</i> complex. PLoS ONE, 2019, 14, e0210268.	2.5	14
38	Influence of macroalgal mats on abundance and distribution of dunlin <i>Calidris alpina</i> in estuaries: a long-term approach. Marine Ecology - Progress Series, 2006, 323, 11-20.	1.9	14
39	In situ and laboratory bioassays with <i>Chironomus riparius</i> larvae to assess toxicity of metal contamination in rivers: The relative toxic effect of sediment versus water contamination. Environmental Toxicology and Chemistry, 2007, 26, 1968-1977.	4.3	13
40	Do different subspecies of Black-tailed Godwit <i>Limosa limosa</i> overlap in Iberian wintering and staging areas? Validation with genetic markers. Journal of Ornithology, 2013, 154, 35-40.	1.1	13
41	Unleashing the Potential of Public Genomic Resources to Find Parasite Genetic Data. Trends in Parasitology, 2017, 33, 750-753.	3.3	13
42	Invisible trophic links? Quantifying the importance of non-standard food sources for key intertidal avian predators in the Eastern Atlantic. Marine Ecology - Progress Series, 2017, 563, 219-232.	1.9	13
43	Intricate trophic links between threatened vertebrates confined to a small island in the Atlantic Ocean. Ecology and Evolution, 2019, 9, 4994-5002.	1.9	12
44	A Ten Year Study of Variation, Trends and Seasonality of a Shorebird Community in the Mondego Estuary, Portugal. Waterbirds, 2005, 28, 8-18.	0.3	11
45	Testing the Stochastic Dynamic Methodology (StDM) as a management tool in a shallow temperate estuary of south Europe (Mondego, Portugal). Ecological Modelling, 2008, 210, 377-402.	2.5	9
46	Genetic Diversity of the Azores Blackbirds <i>Turdus merula</i> Reveals Multiple Founder Events. Acta Ornithologica, 2016, 51, 221-234.	0.5	9
47	Genetic and morphometric diversity of the goldcrest (<i>Regulus regulus</i>) populations in the Azores. Zoology, 2014, 117, 383-391.	1.2	8
48	Ecomorphological patterns in the Blackcap <i>Sylvia atricapilla</i> : insular versus mainland populations. Bird Study, 2015, 62, 498-507.	1.0	8
49	Molecular parallelisms between pigmentation in the avian iris and the integument of ectothermic vertebrates. PLoS Genetics, 2021, 17, e1009404.	3.5	8
50	Patterns of genetic diversity within and between <i>Myotis d. daubentonii</i> and <i>M. d. nathalinae</i> derived from cytochrome b mtDNA sequence data. Acta Chiropterologica, 2007, 9, 379-389.	0.6	7
51	A critical comment to D'ÁCruze and Macdonald (2016). Nature Conservation, 0, 21, 159-161.	0.0	7
52	Intraspecific Variation of Mercury Contamination in Chicks of Black-Winged Stilt (<i>Himantopus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Contamination and Toxicology, 2004, 72, 437-444.	2.7	6
53	Historical demographic dynamics underlying local adaptation in the presence of gene flow. Ecology and Evolution, 2012, 2, 2710-2721.	1.9	6
54	Shorebird low spillover risk of mosquito-borne pathogens on Iberian wetlands. Journal of Ornithology, 2014, 155, 549-554.	1.1	6

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55	Haemosporidian parasites missed the boat during the introduction of common waxbills (<i>Estrilda</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	6
56	Impact of shorebird predation on intertidal macroinvertebrates in a key North African Atlantic wintering site: an experimental approach. <i>African Journal of Marine Science</i> , 2019, 41, 1-9.	1.1	6
57	Competition for feeding in waders: a case study in an estuary of south temperate Europe (Mondego,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	4
58	Bolder steps to fight global wildlife illegal trade. <i>Conservation Biology</i> , 2019, 33, 7-8.	4.7	4
59	Purple Swamphen or <i>Gallinule (Porphyrio porphyrio)</i> and Humans. <i>Society and Animals</i> , 2016, 24, 574-595.	0.2	2
60	Genetic and morphometric variation of the Blackcap (<i>Sylvia atricapilla</i>) on the Azores Archipelago reveals a recent range expansion. <i>Journal of Natural History</i> , 2018, 52, 2413-2435.	0.5	1
61	Low MSP-1 haplotype diversity in the West Palearctic population of the avian malaria parasite <i>Plasmodium relictum</i> . <i>Malaria Journal</i> , 2021, 20, 265.	2.3	1
62	The Hummingbird Collection of the Natural History and Science Museum of the University of Porto (MHNC-UP), Portugal. <i>Biodiversity Data Journal</i> , 2021, 9, e59913.	0.8	1
63	Evaluating the Impacts of a New Railway on Shorebirds: A Case Study in Central Portugal (Aveiro) Tj ETQq1 1 0.784314 rgBT /Overlock	1	1